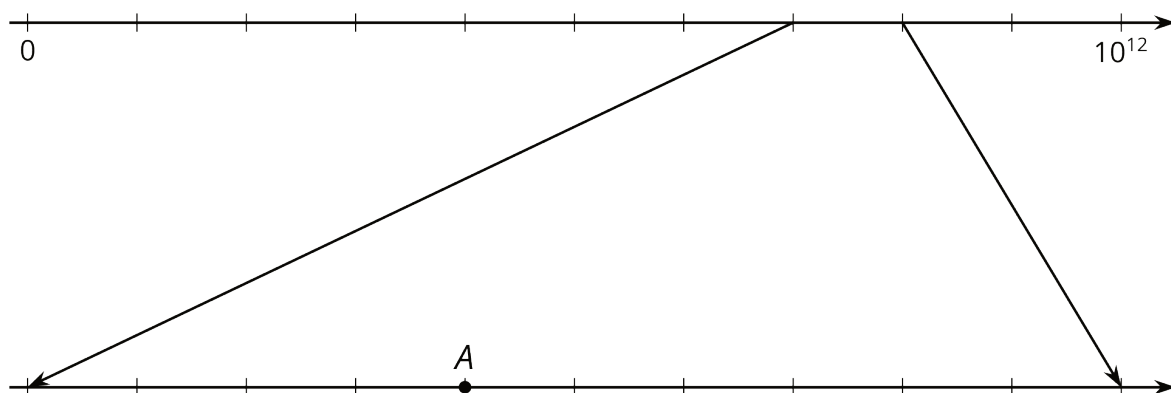


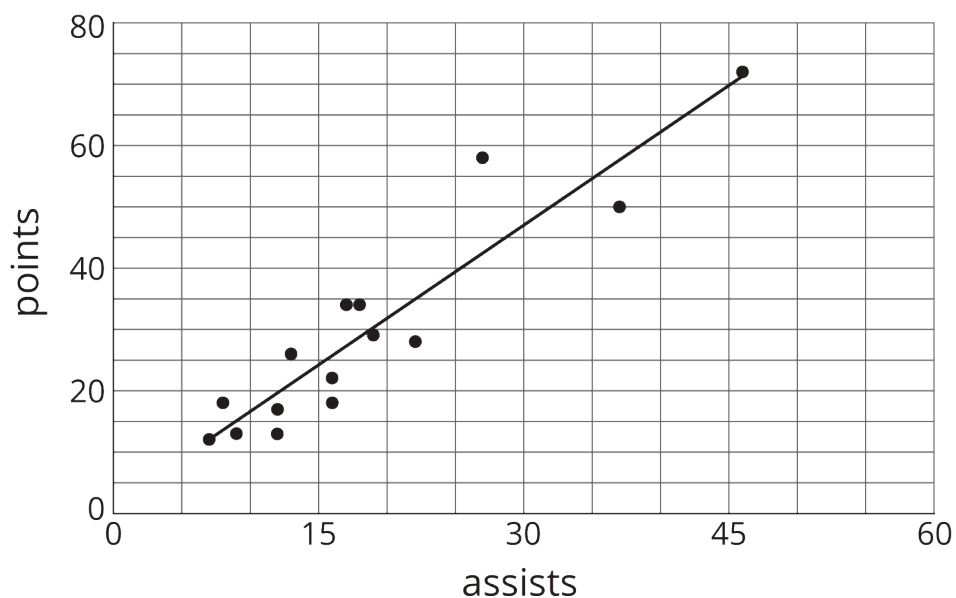
Lesson 10 Practice Problems

- Find three different ways to write the number 437,000 using powers of 10.
- For each pair of numbers below, circle the number that is greater. Estimate how many times greater.
 - $17 \cdot 10^8$ or $4 \cdot 10^8$
 - $2 \cdot 10^6$ or $7.839 \cdot 10^6$
 - $42 \cdot 10^7$ or $8.5 \cdot 10^8$

- What number is represented by point A ? Explain or show how you know.



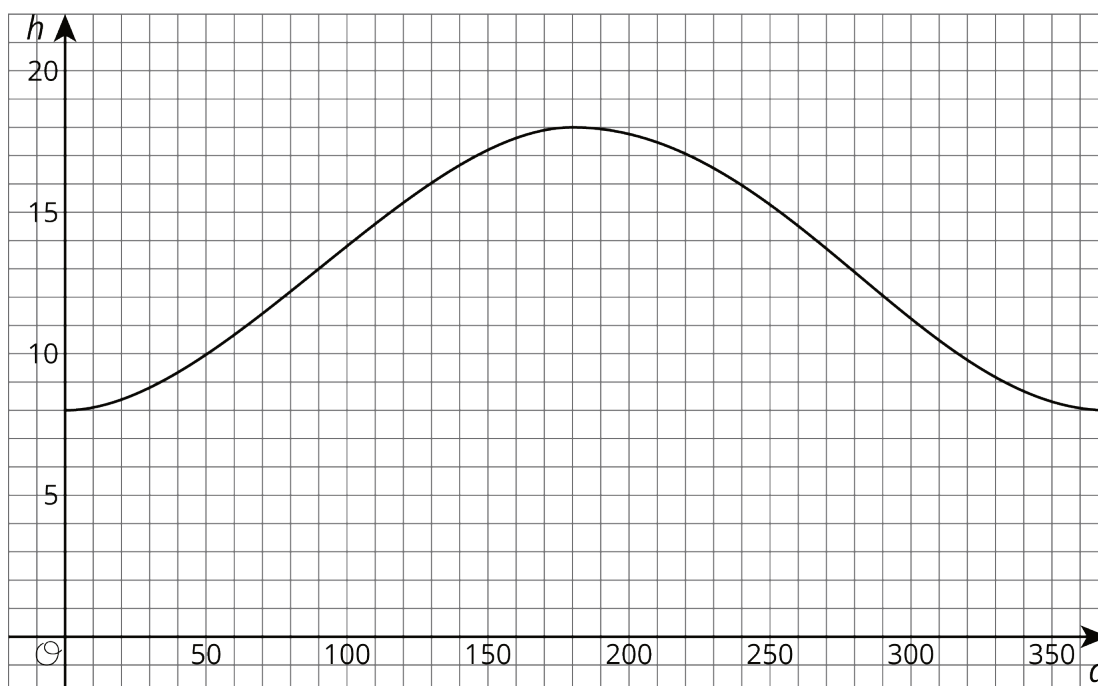
4. Here is a scatter plot that shows the number of points and assists by a set of hockey players. Select **all** the following that describe the association in the scatter plot:



- A. Linear association
- B. Non-linear association
- C. Positive association
- D. Negative association
- E. No association

(From Unit 6, Lesson 7.)

5. Here is the graph of days and the predicted number of hours of sunlight, h , on the d -th day of the year.



- Is hours of sunlight a function of days of the year? Explain how you know.
- For what days of the year is the number of hours of sunlight increasing? For what days of the year is the number of hours of sunlight decreasing?
- Which day of the year has the greatest number of hours of sunlight?

(From Unit 5, Lesson 5.)